

FIG.2

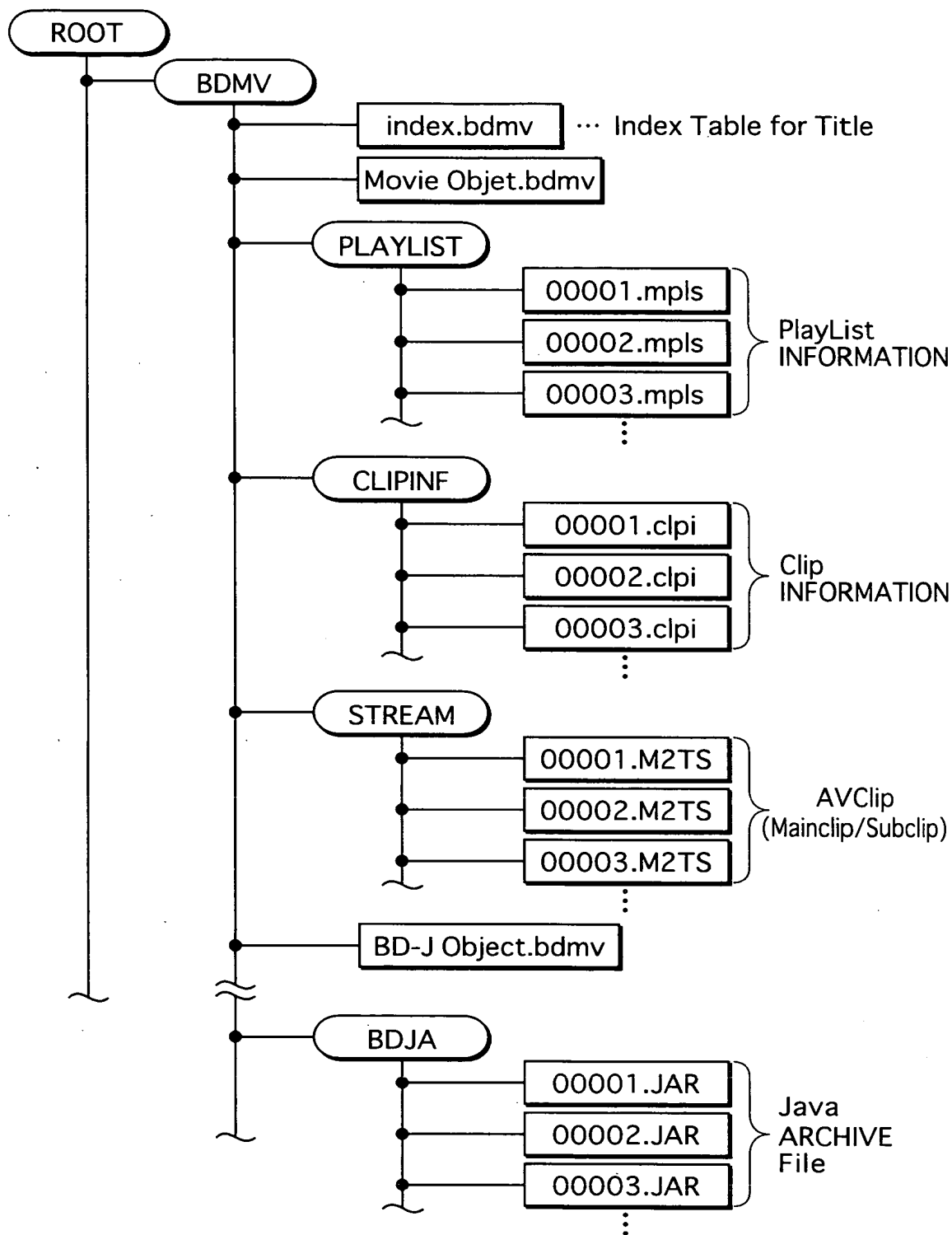


FIG.3

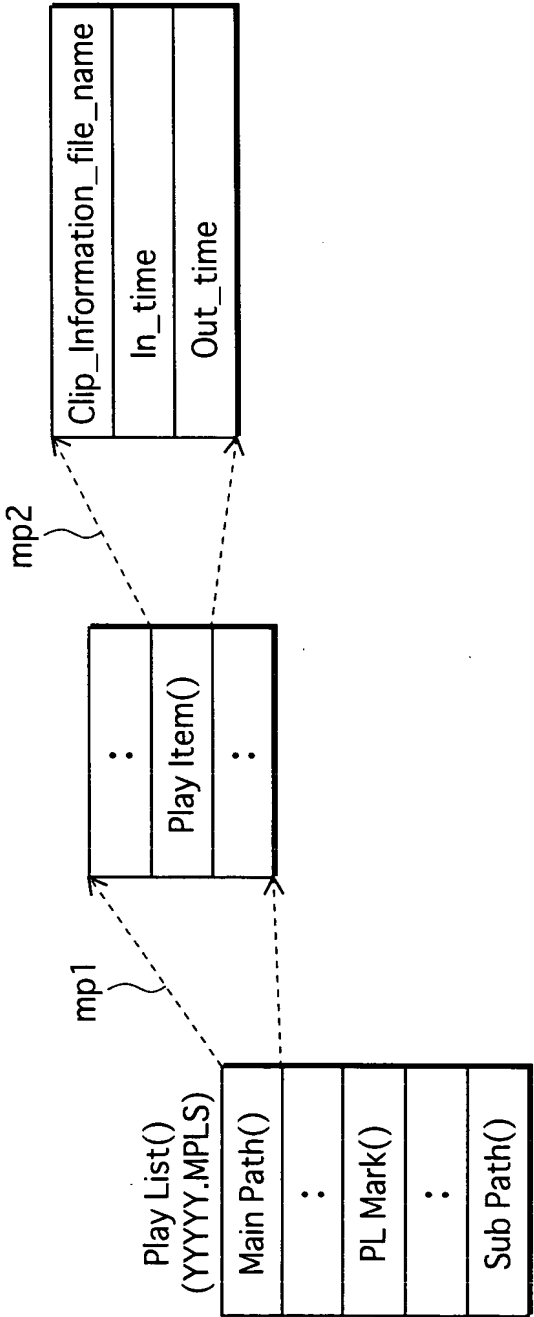


FIG.4

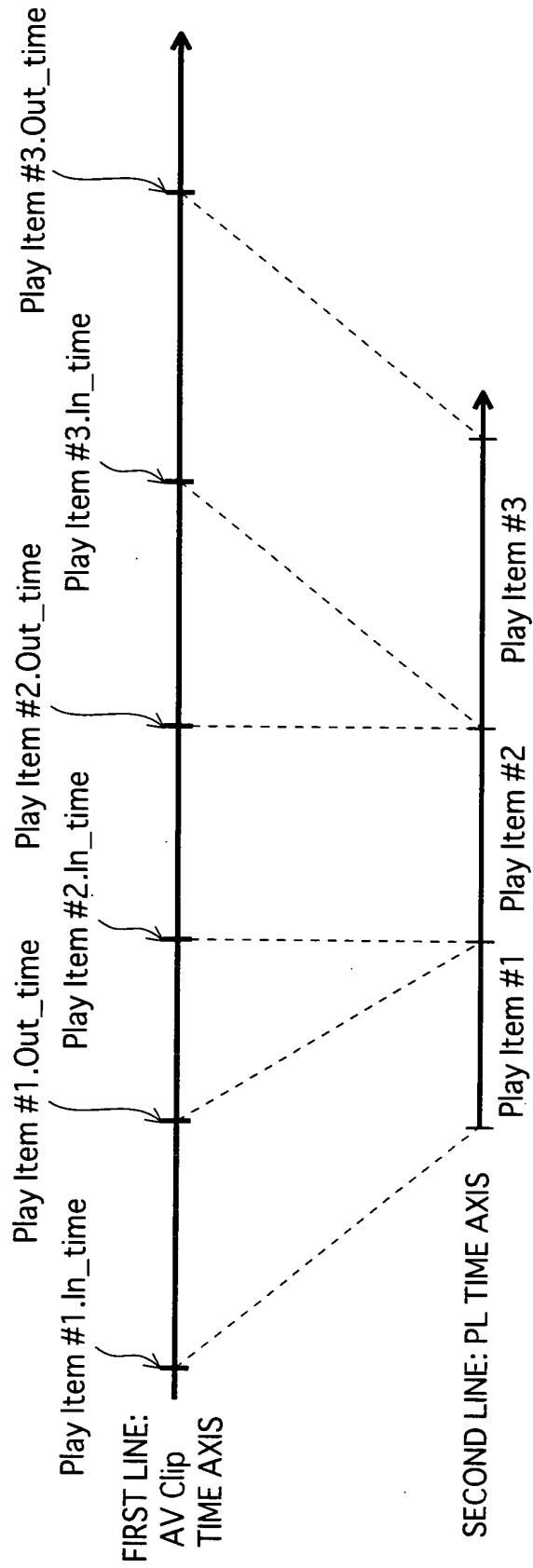


FIG. 5

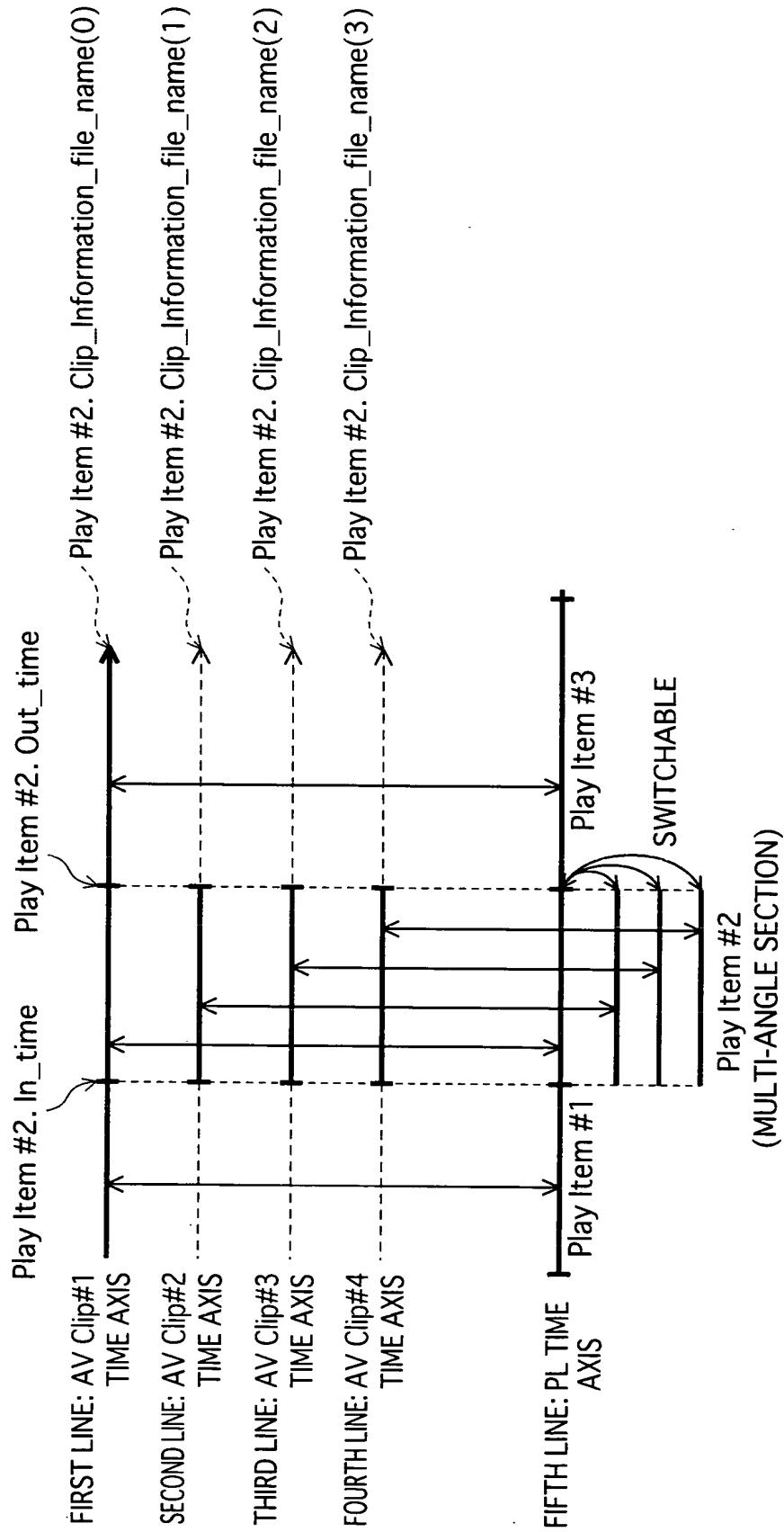


FIG.6

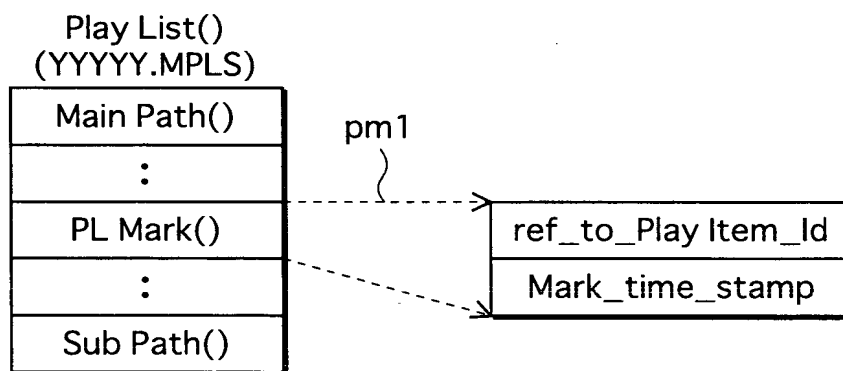


FIG.7

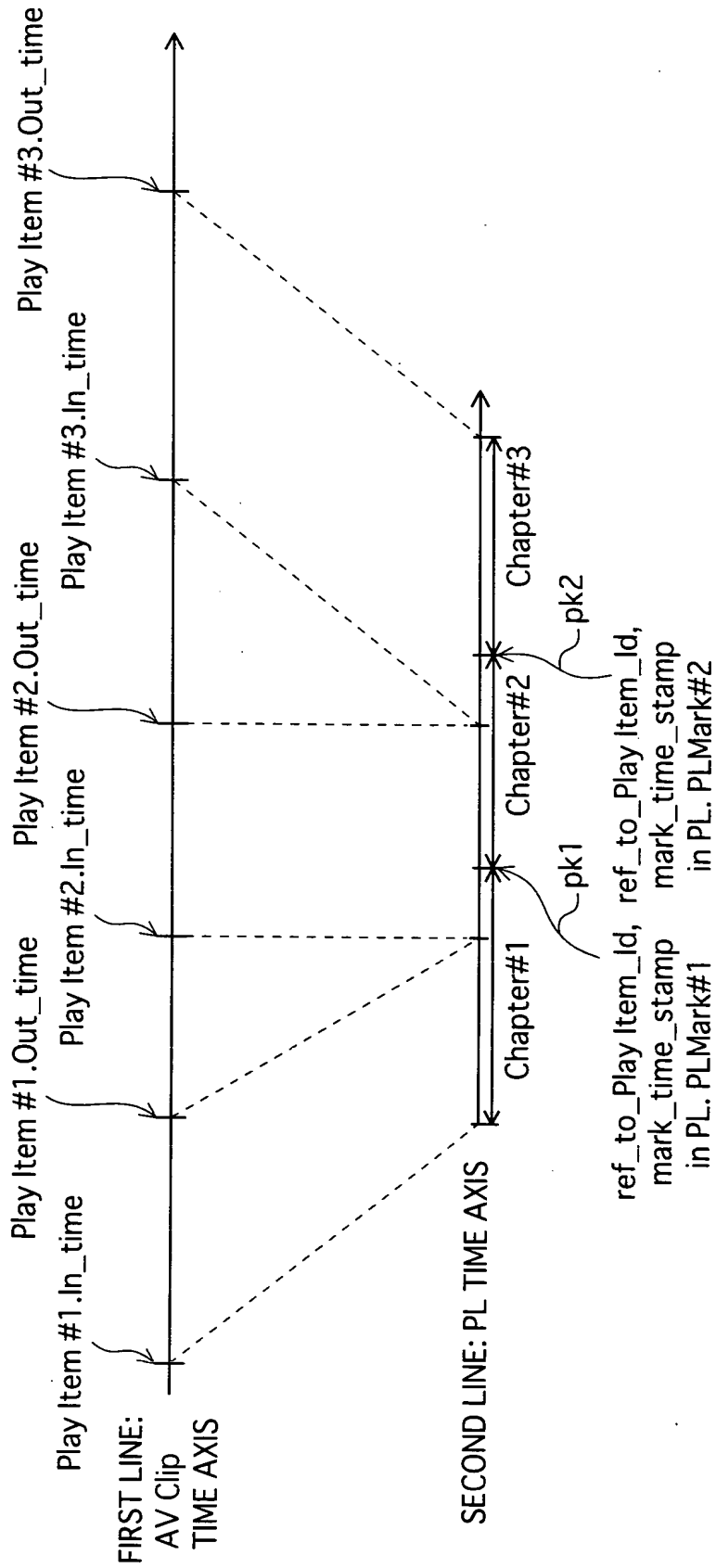


FIG.8

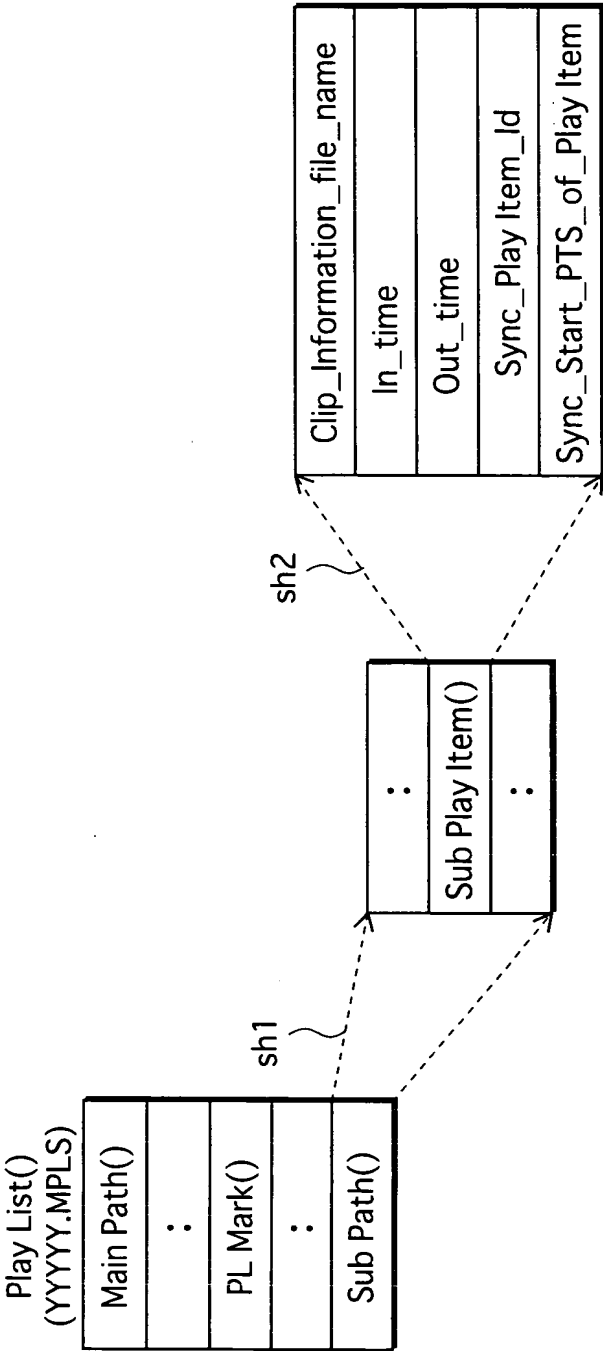


FIG.9

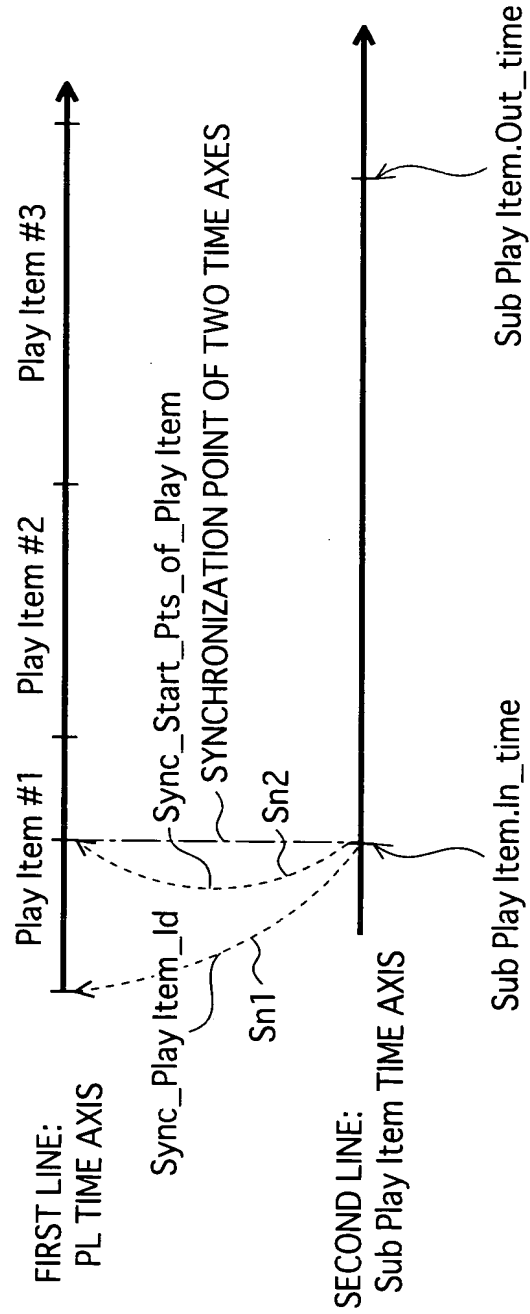


FIG.10

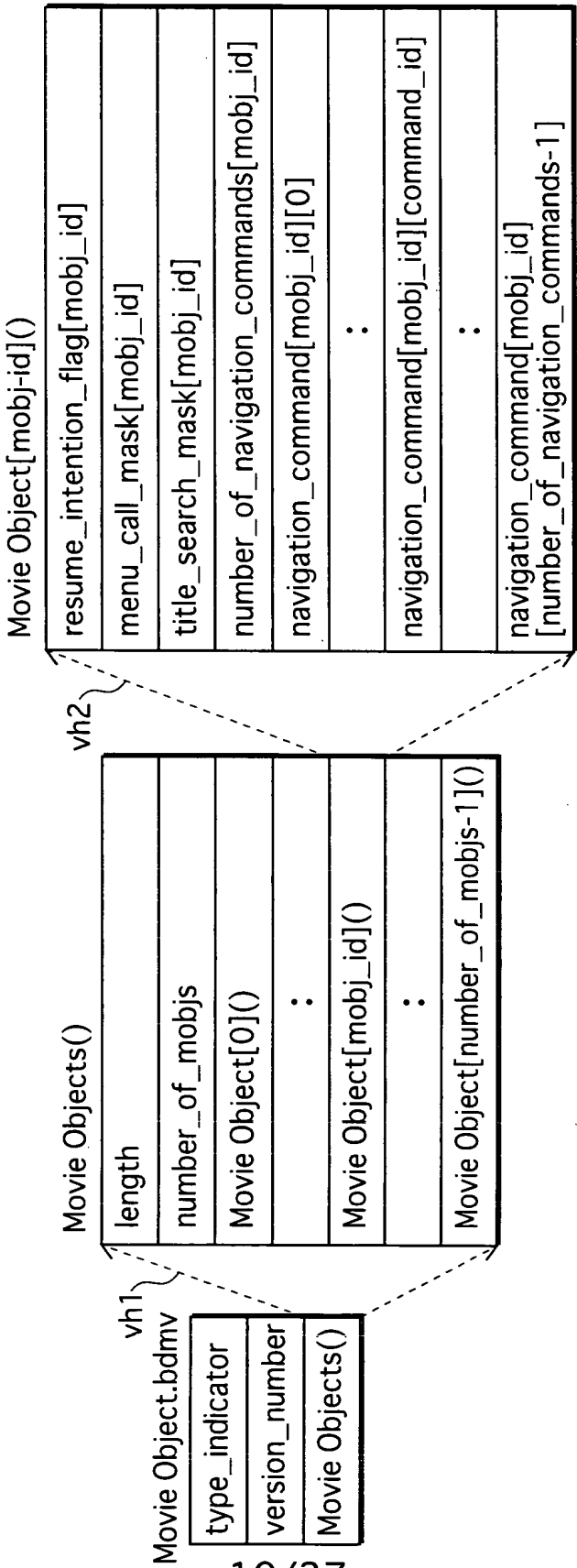


FIG.11

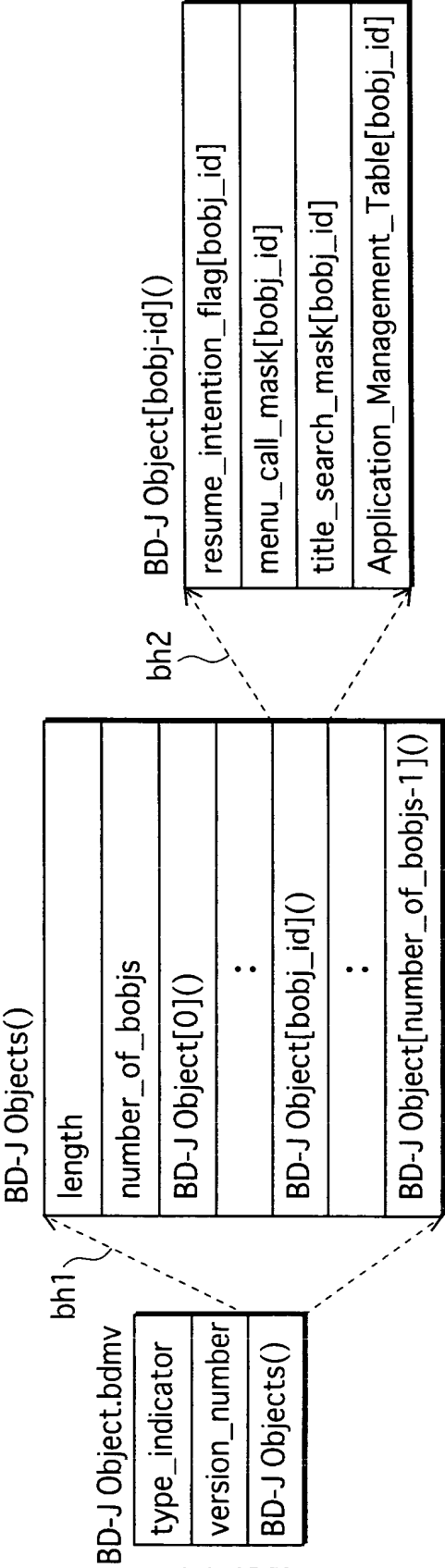


FIG.12A

JAR FILE(ZZZZZ.JAR)

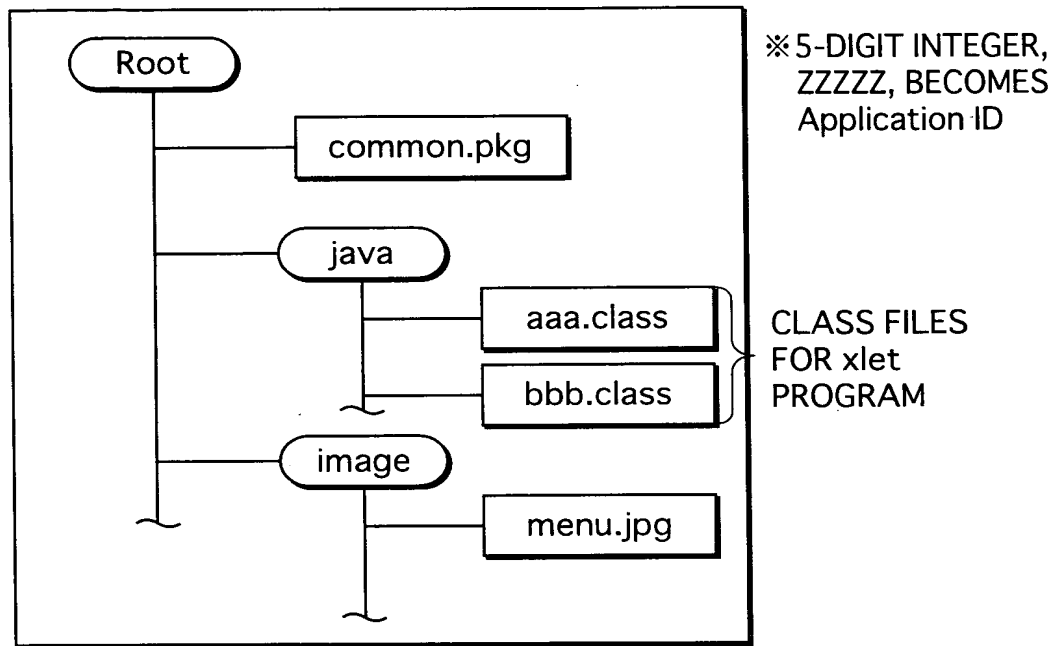


FIG.12B

CLASS FILES FOR xlet PROGRAM

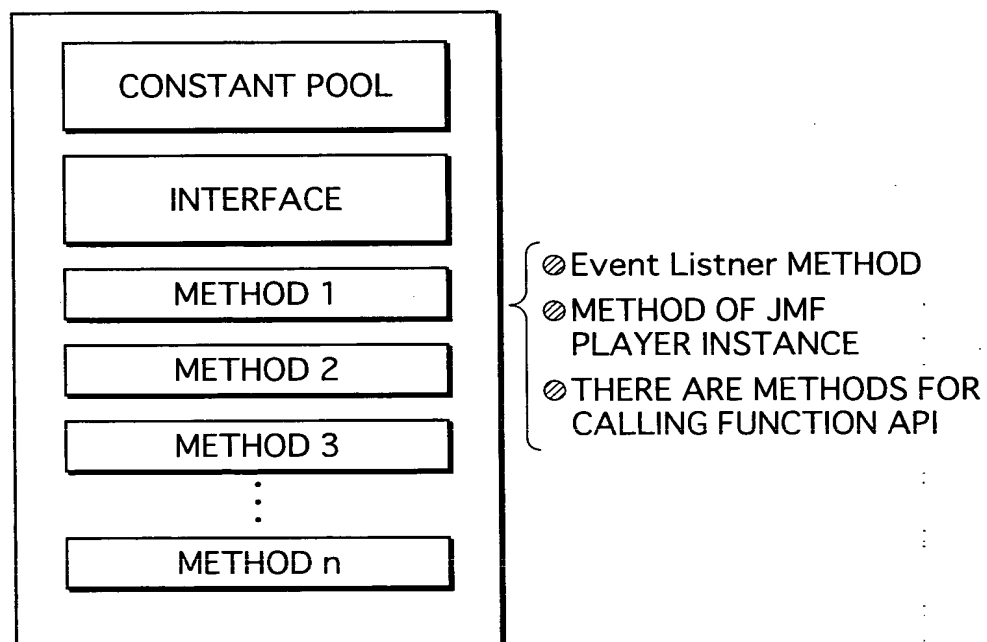
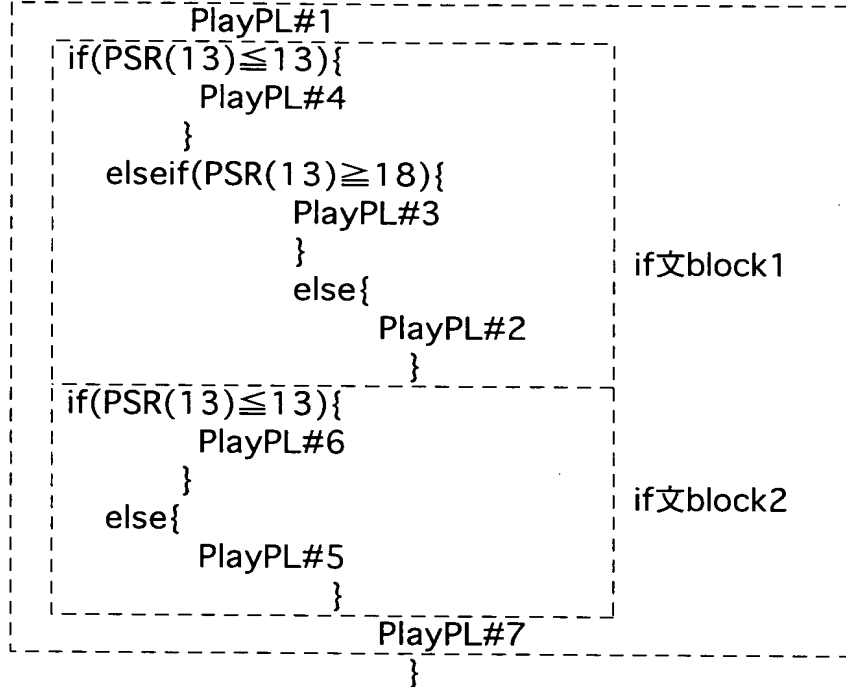


FIG.13

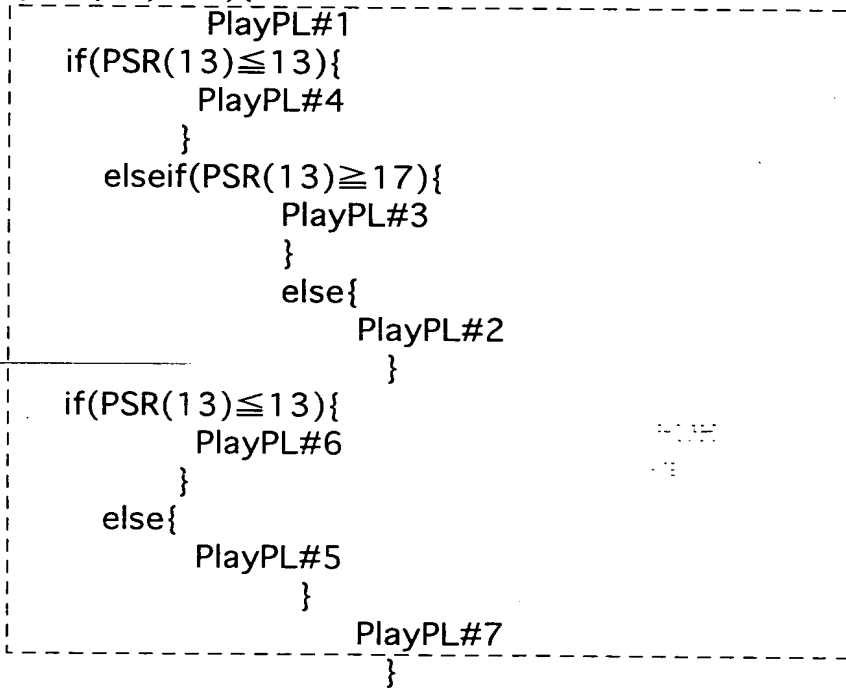
function PARENTAL CONTROL{

if(PSR(20)=Japan){



PROGRAM PART
FOR JAPAN

if(PSR(20)=US){



PROGRAM PART
FOR US

FIG. 14A

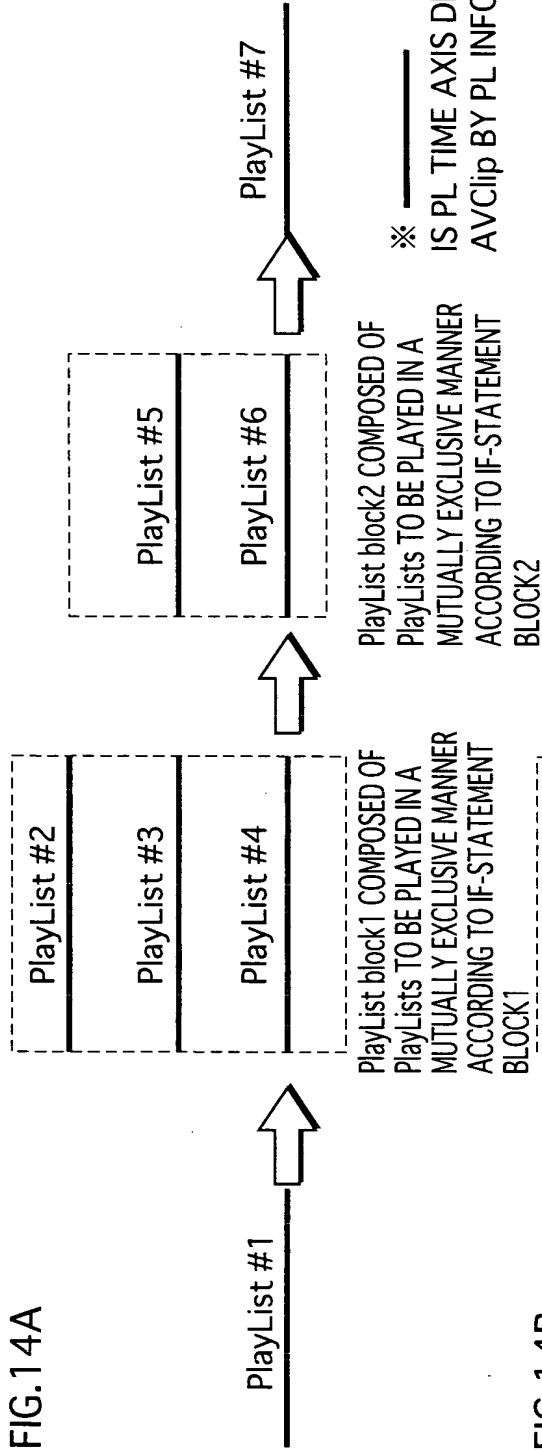


FIG. 14B

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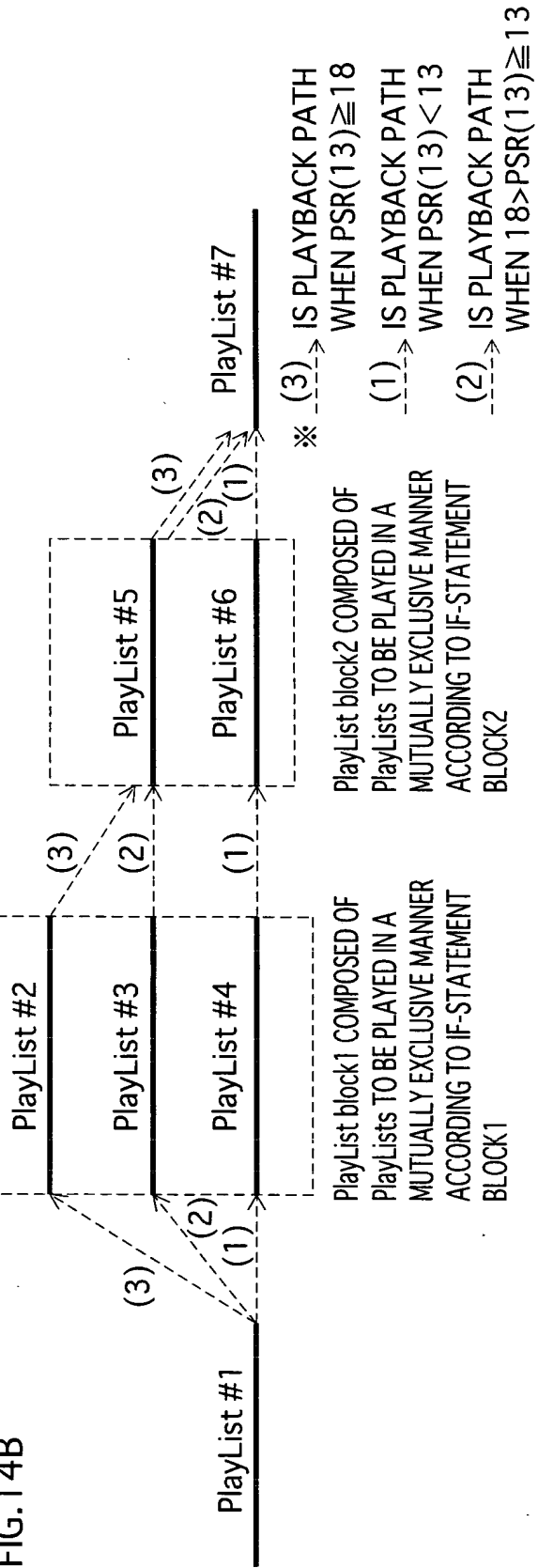


FIG. 15

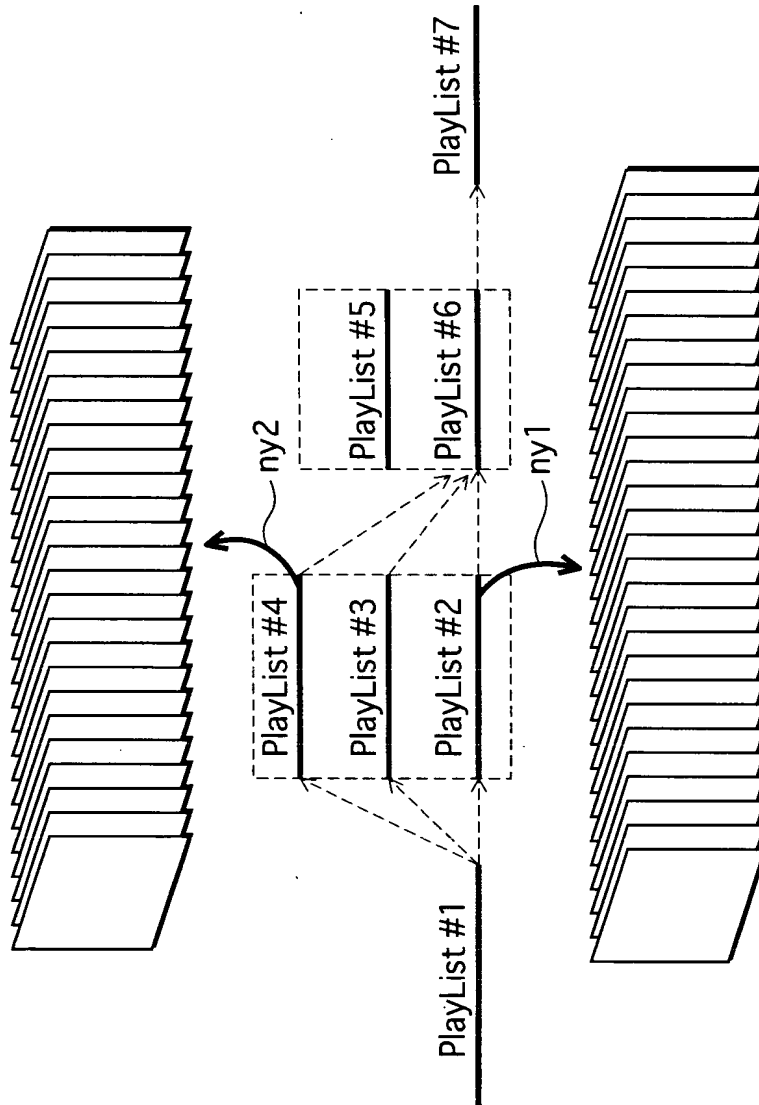


FIG. 16

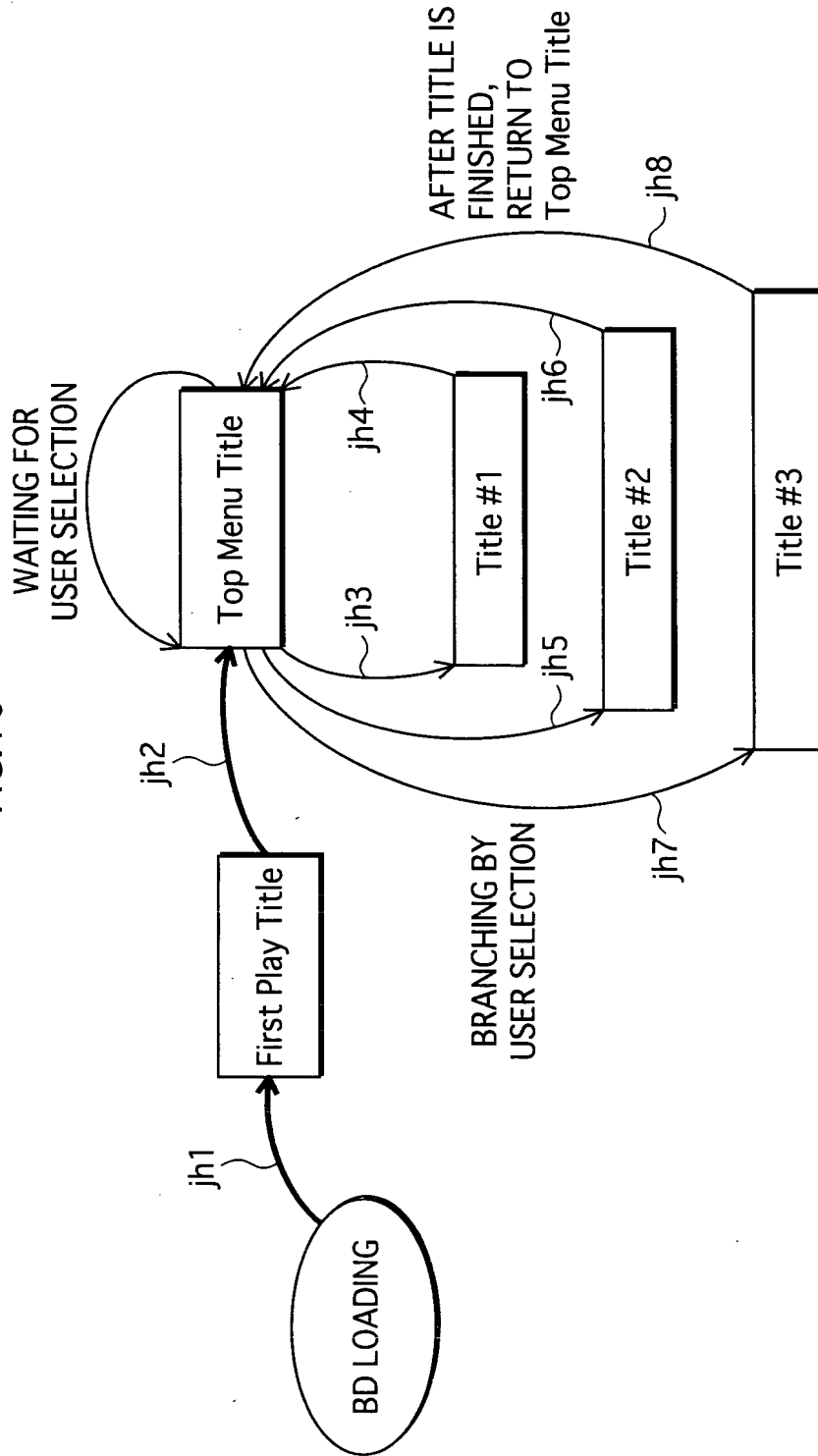


FIG.17

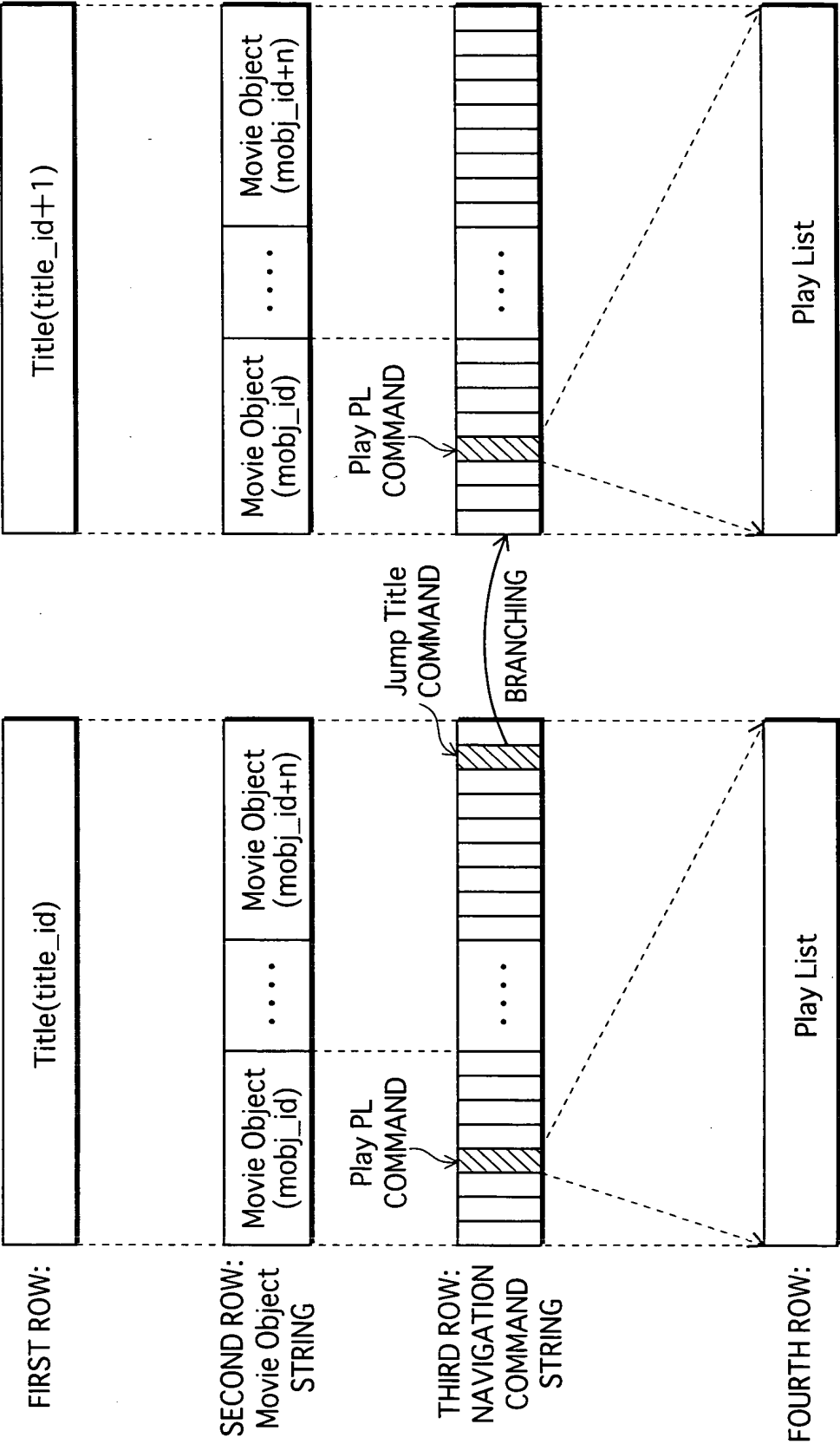


FIG.18

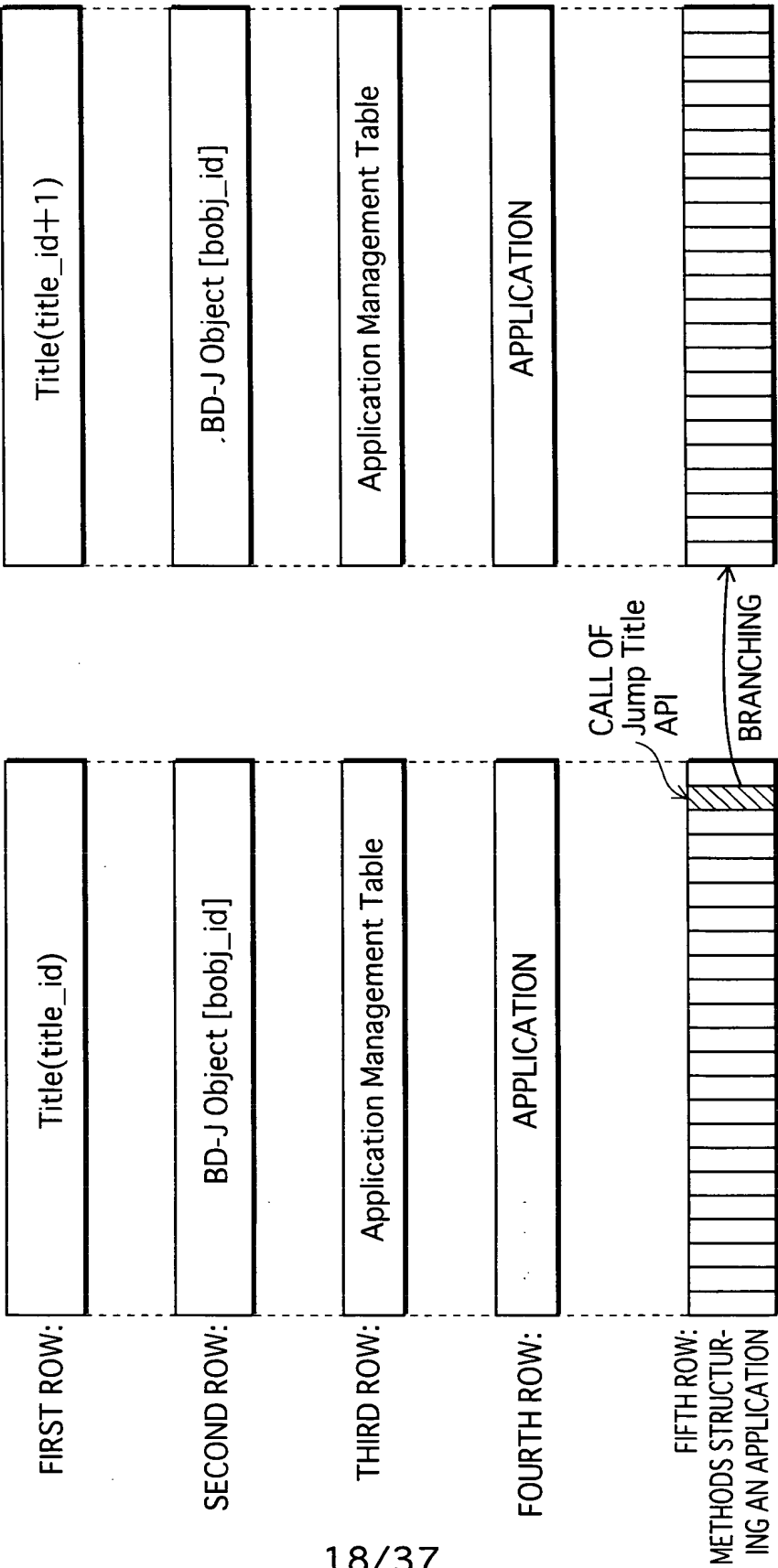


FIG. 19

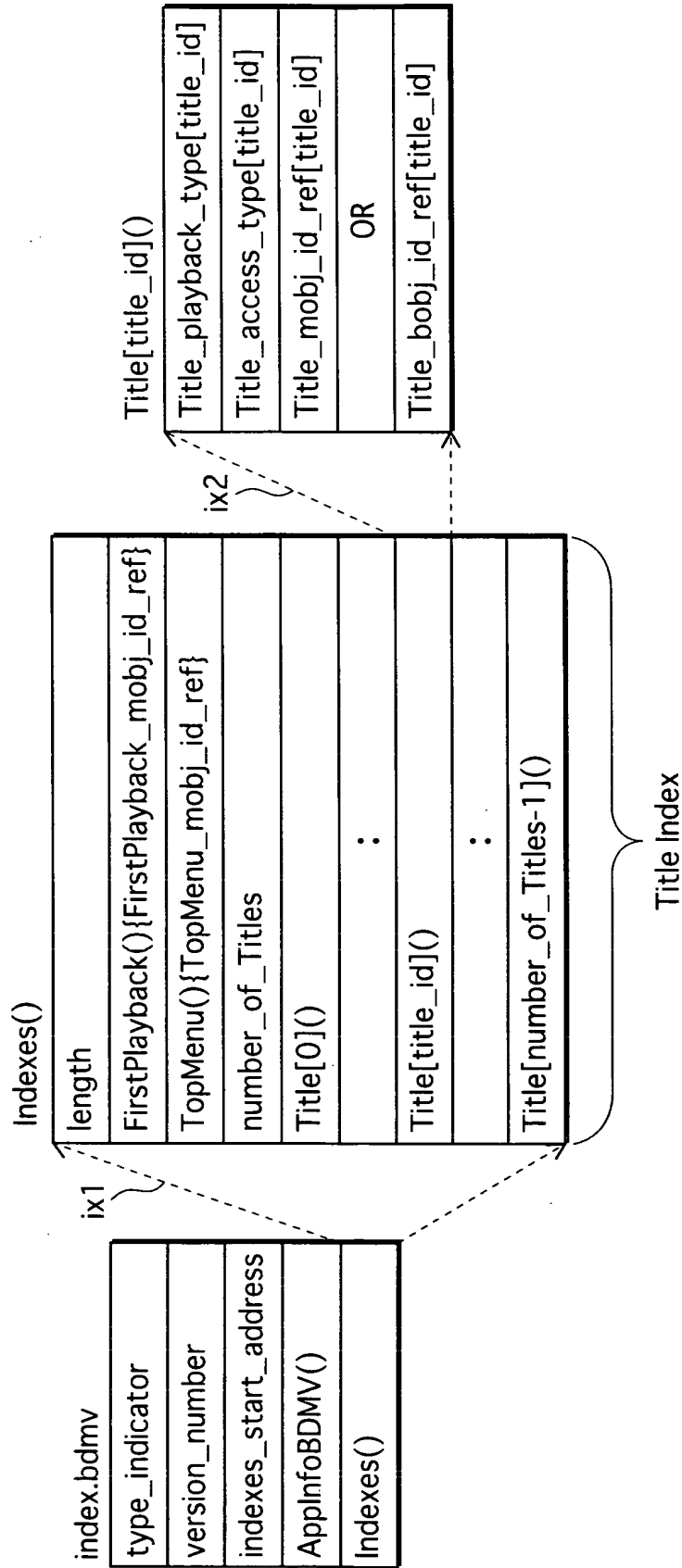
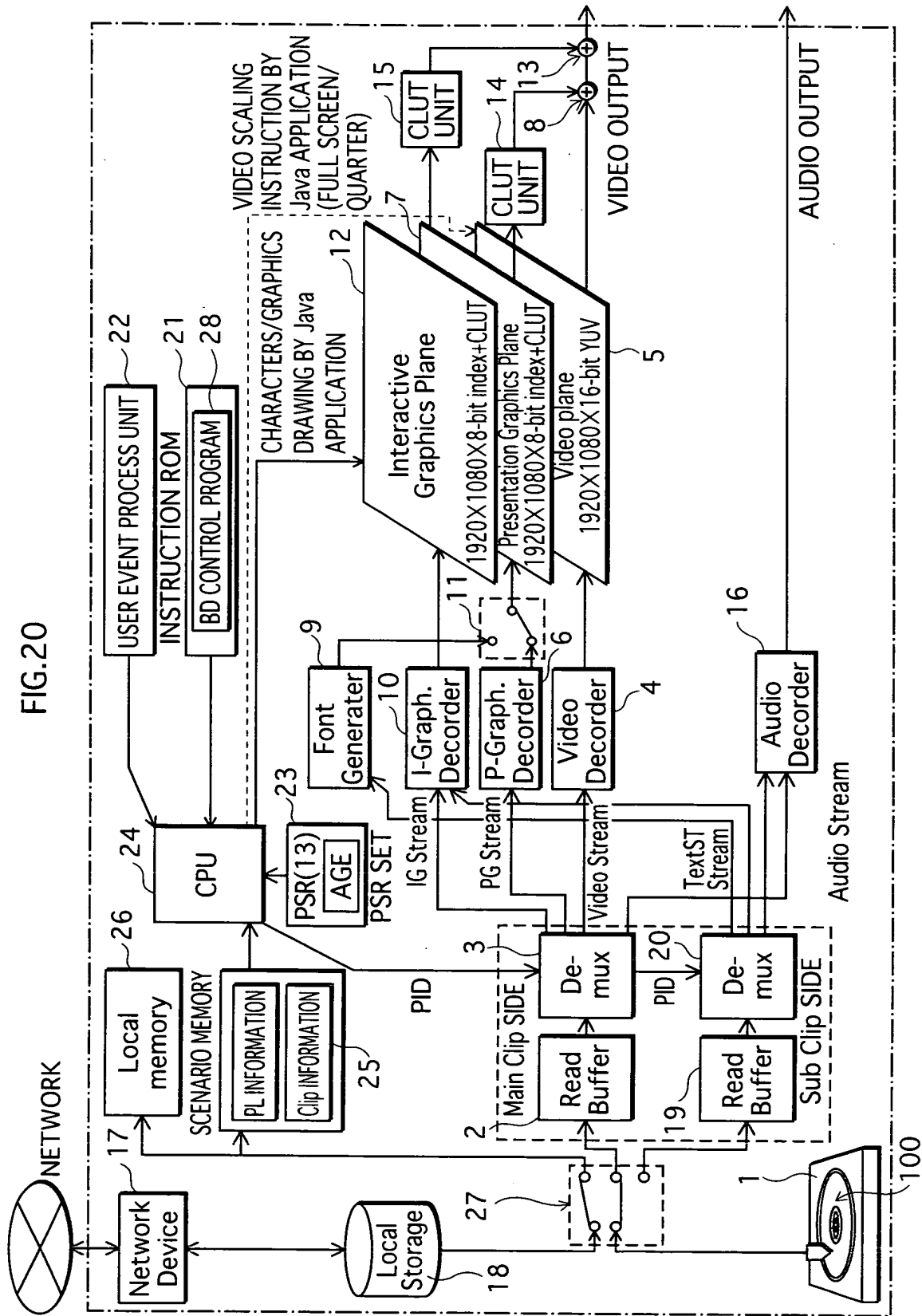


FIG. 20



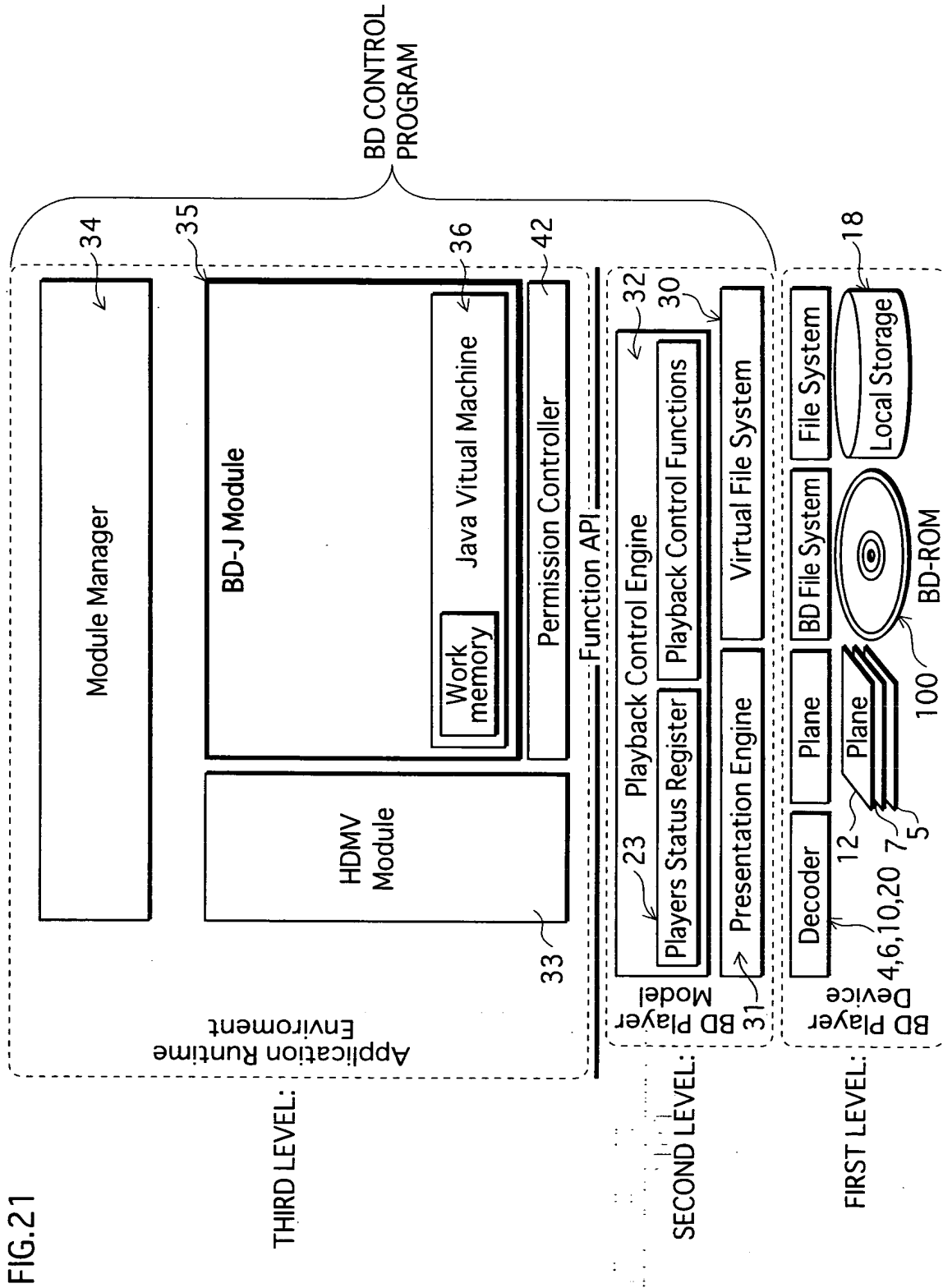
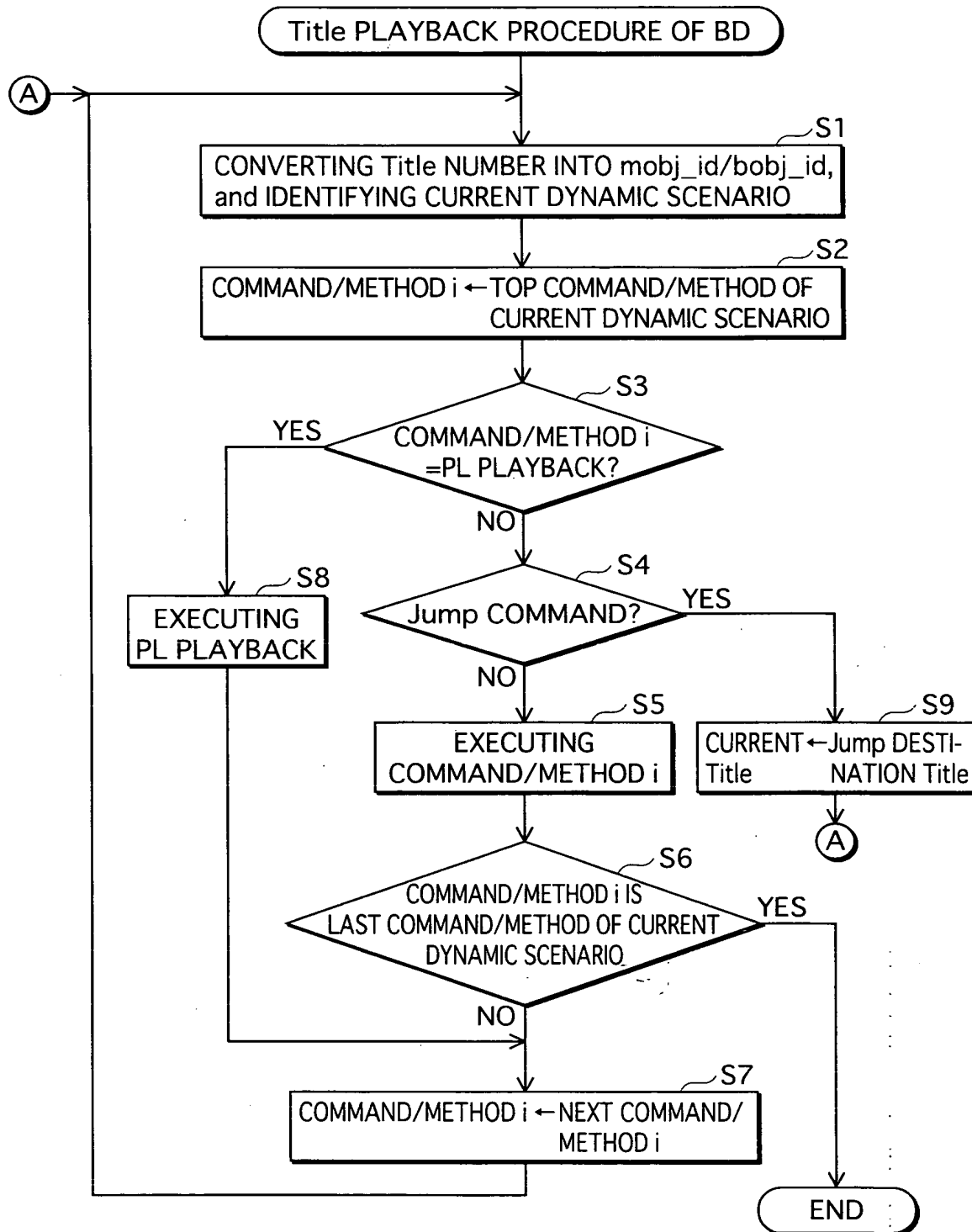


FIG.22



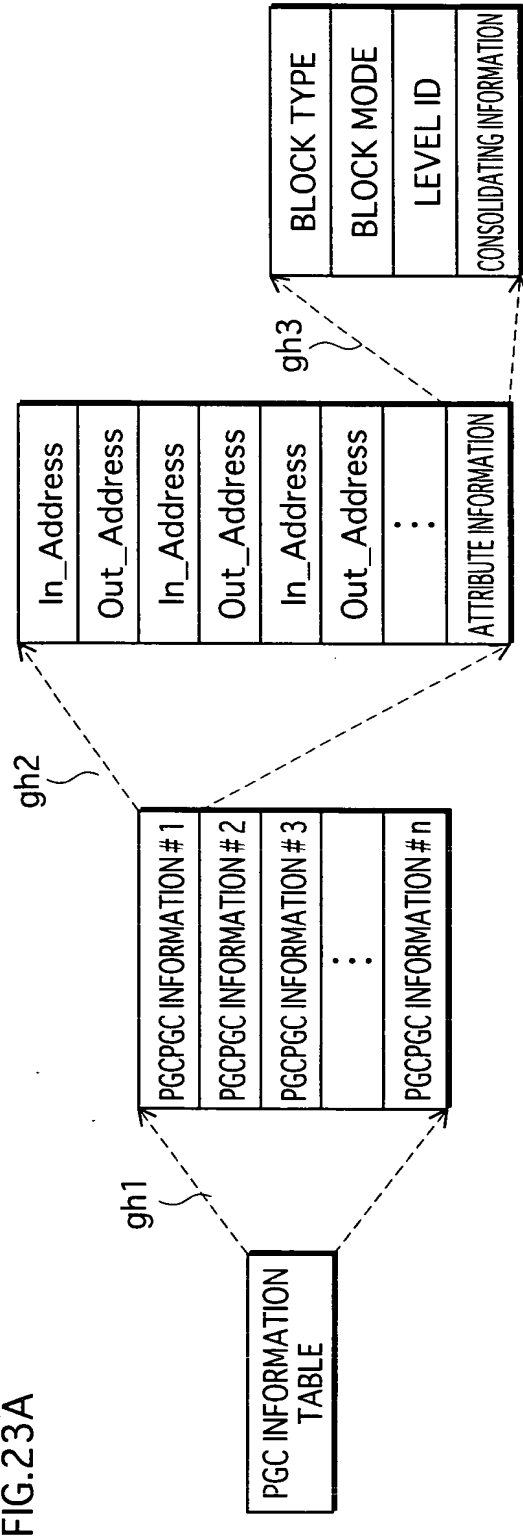


FIG. 23B

	BLOCK TYPE	BLOCK MODE	LEVEL ID	CONSOLIDATING INFORMATION
PGC INFORMATION # 1	NONPARENTAL BLOCK	null	L8	PGC # 4
PGC INFORMATION # 2	PARENTAL BLOCK	TOP	L2(UNDER THE AGE OF 18 PROHIBITED)	PGC # 6(TEMP)
PGC INFORMATION # 3	PARENTAL BLOCK	MIDDLE	L5(UNDER THE AGE OF 15 PROHIBITED)	PGC # 6(TEMP)
PGC INFORMATION # 4	PARENTAL BLOCK	LAST	L8(G-RATED)	PGC # 6(TEMP)
PGC INFORMATION # 5	PARENTAL BLOCK	TOP	L5(UNDER THE AGE OF 15 PROHIBITED)	PGC # 7(TEMP)
PGC INFORMATION # 6	PARENTAL BLOCK	LAST	L8(G-RATED)	PGC # 7(TEMP)
PGC INFORMATION # 7	NONPARENTAL BLOCK	null	L8	--

FIG.24

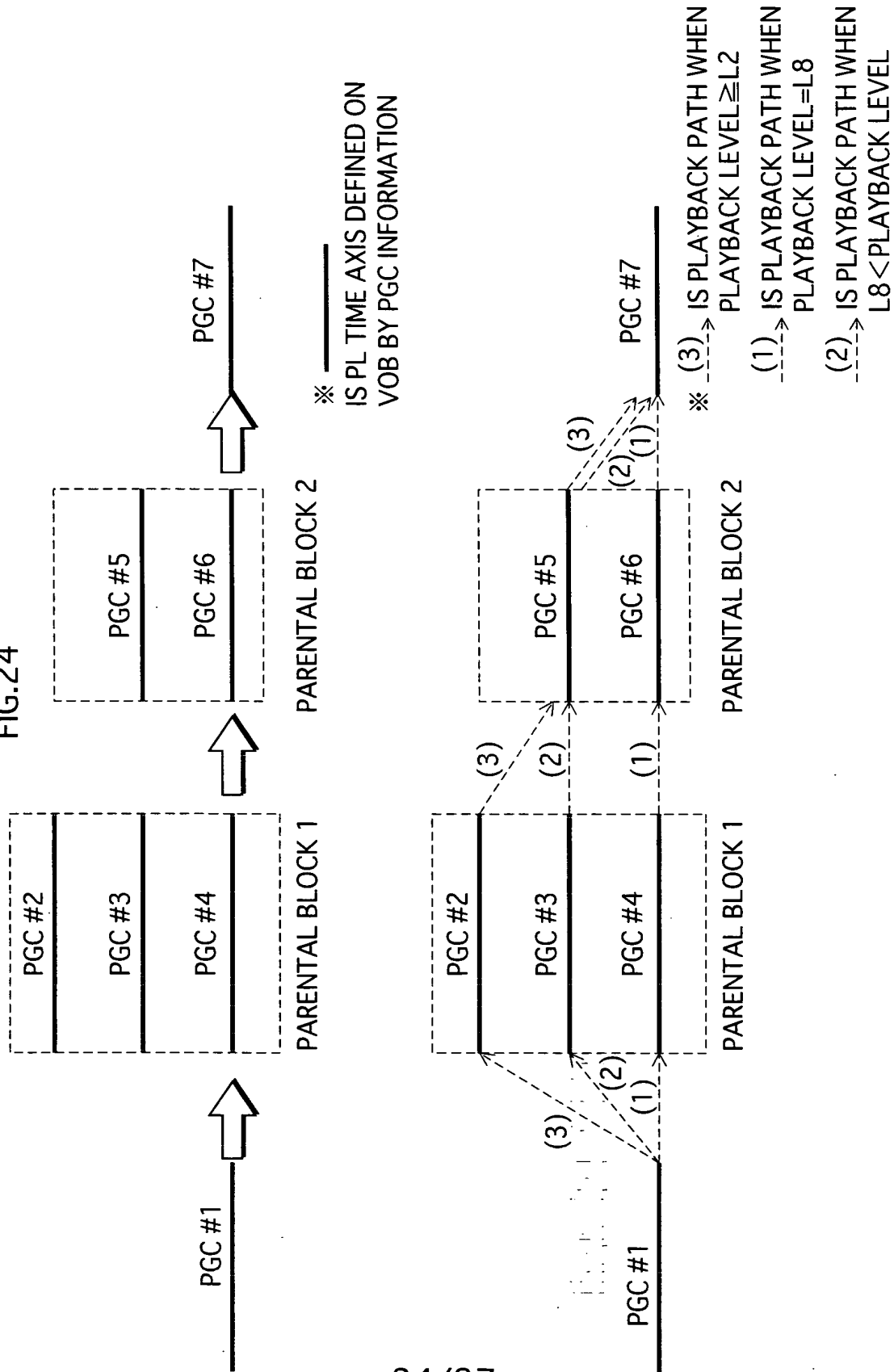
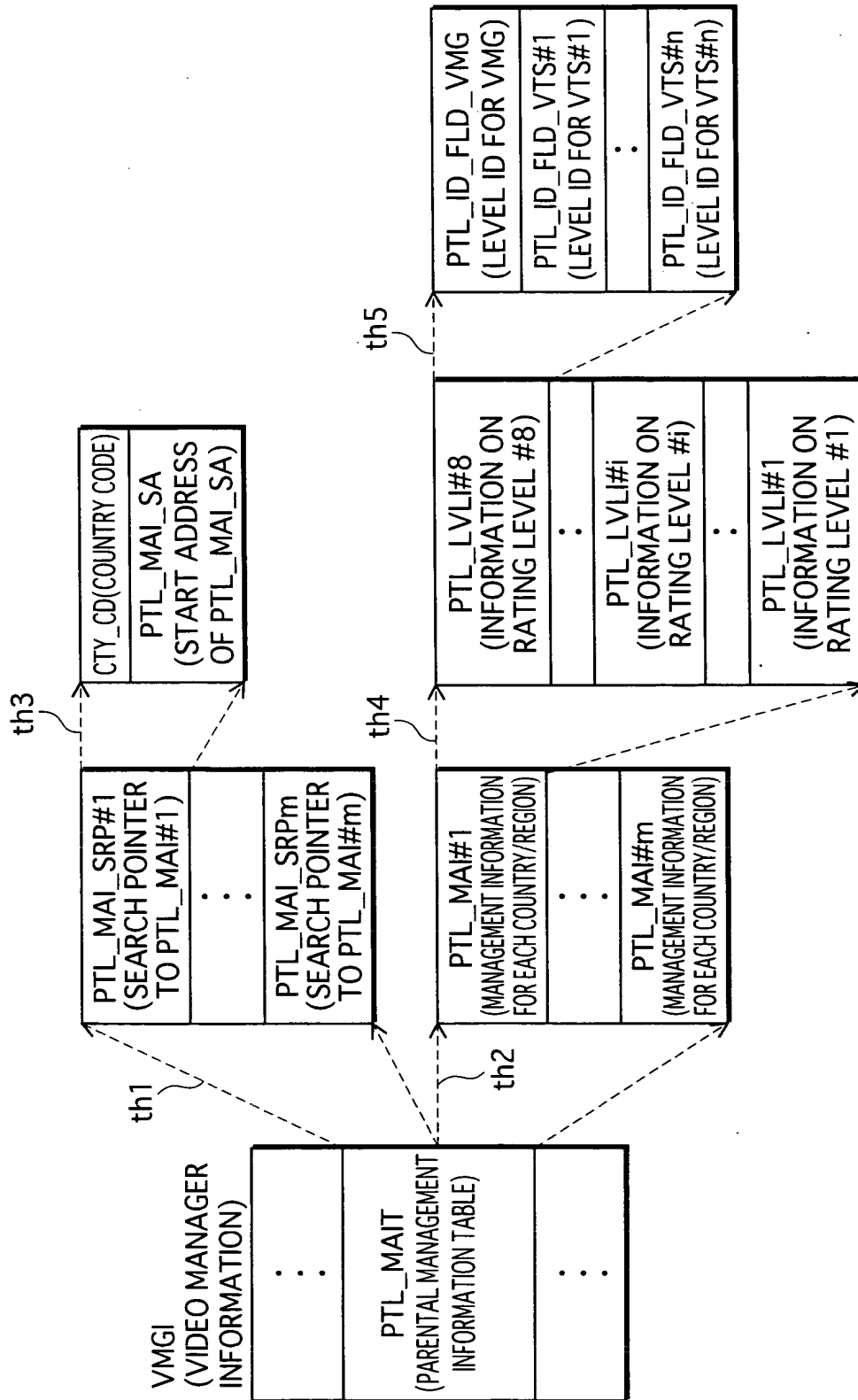


FIG.25



※FOR JAPAN, THREE RATING LEVELS #8-#6 (ADULTS, R, GENERAL)
FOR THE UNITED STATES, SIX RATING LEVELS #8-#3 (X, NC-17, R, PG-13, PG, G)

FIG.26

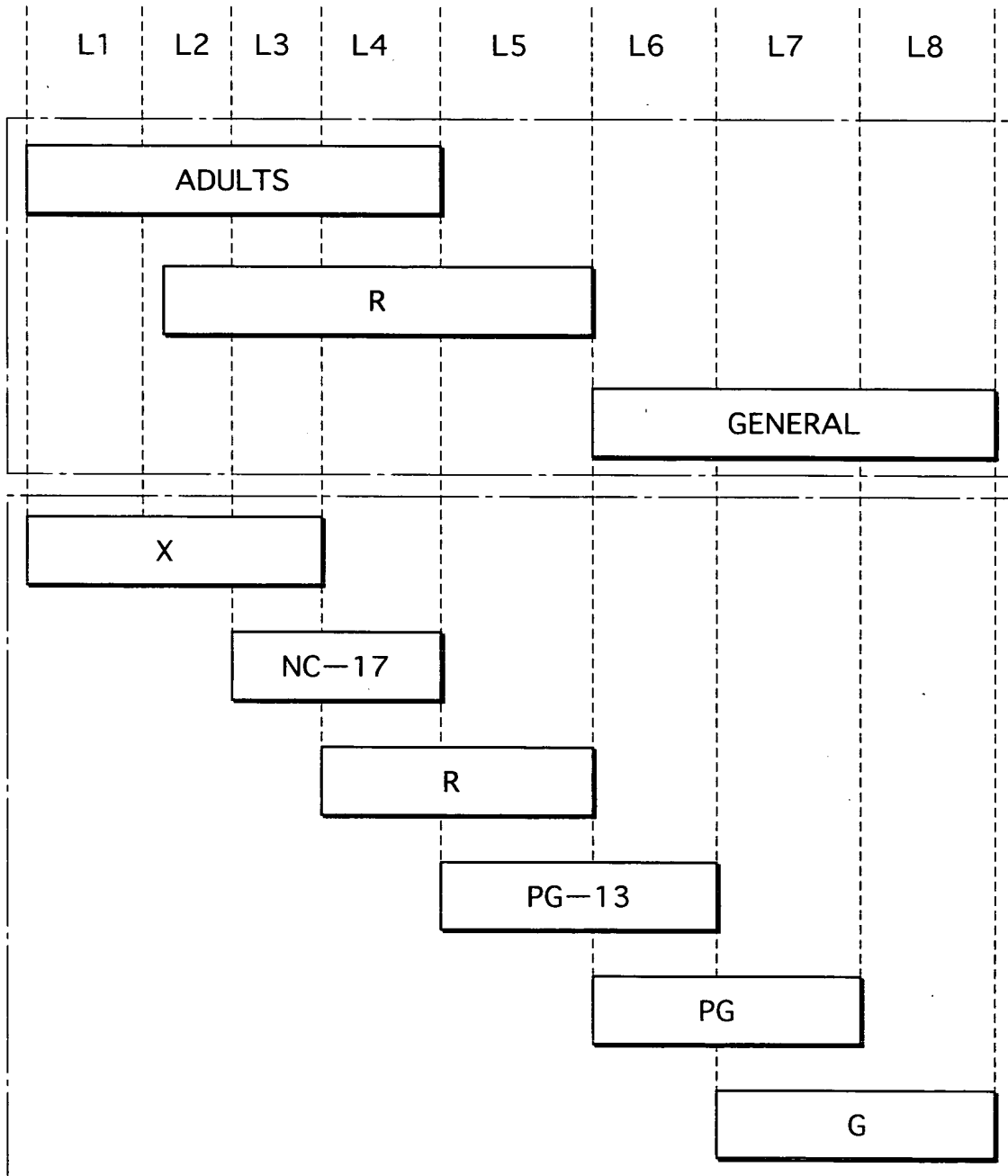


FIG. 27:

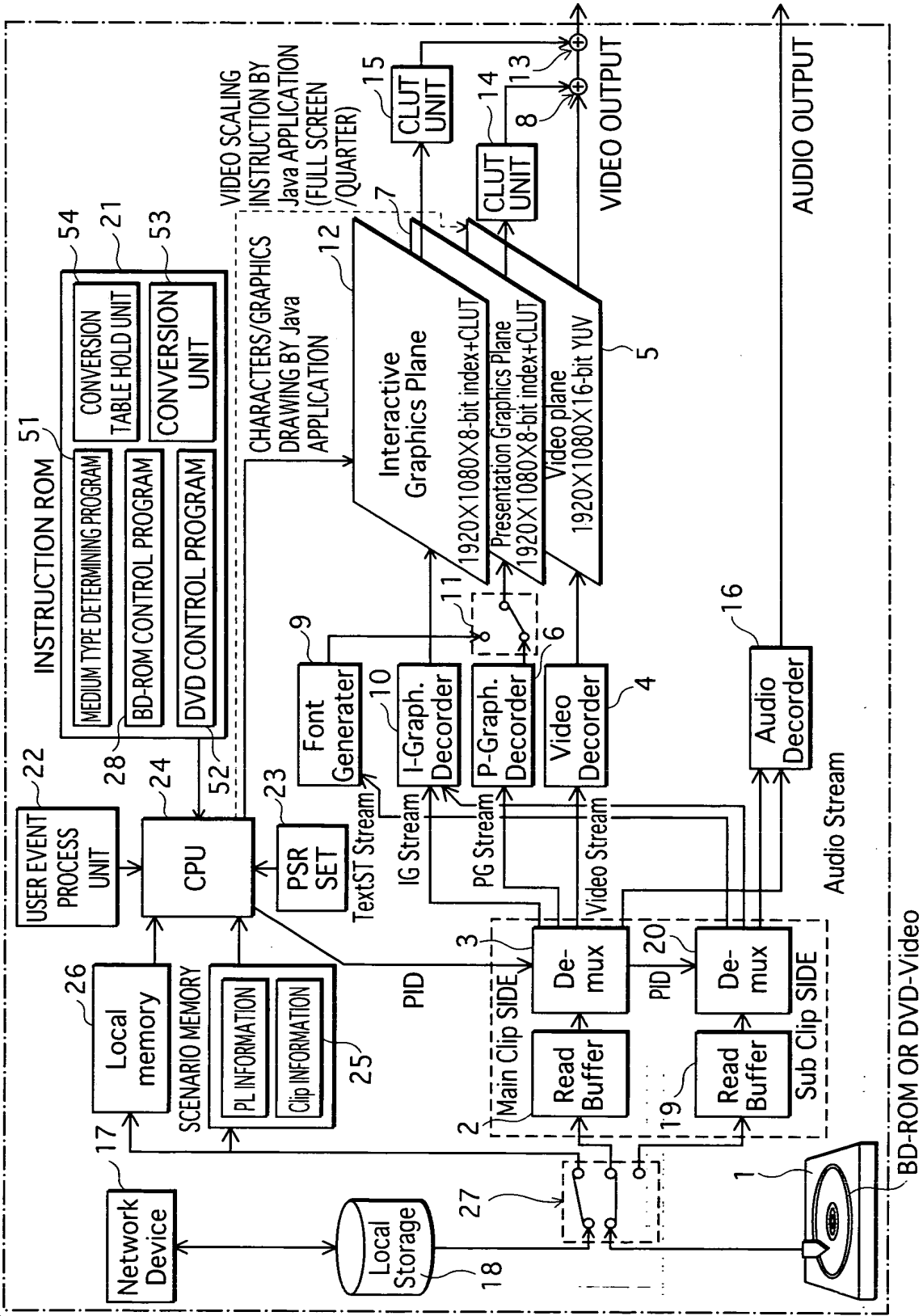


FIG.28

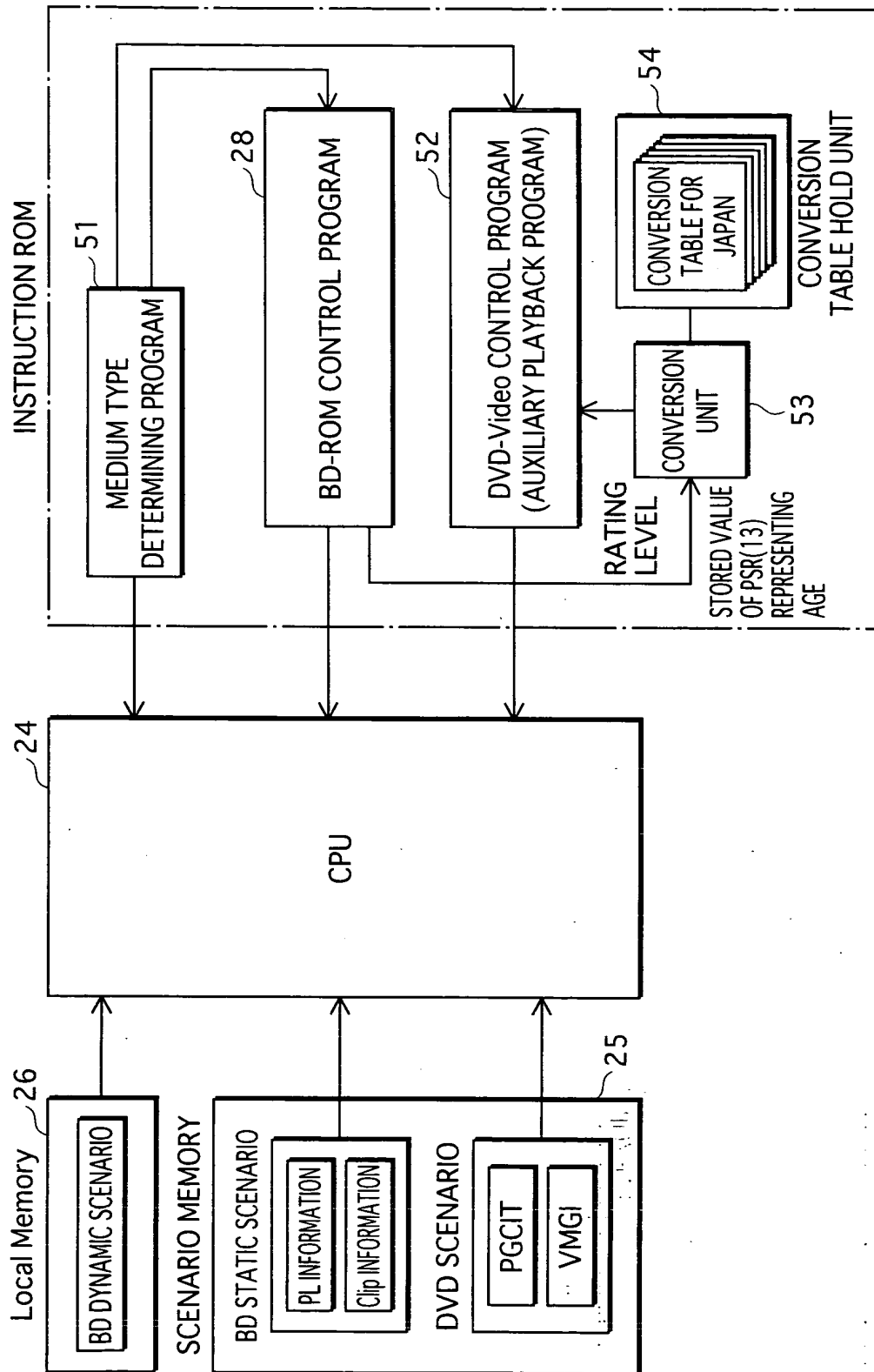


FIG. 29

The diagram illustrates a DVD-Video control system architecture, divided into two main sections: **BD Player** (left) and **DVD Player** (right).

BD Player Section:

- Application Runtime Environment (33):** Contains the **Module Manager (34)** and the **BD-J Module (35)**. The BD-J Module includes **Work memory** and a **Java Virtual Machine**.
- Function API (36):** A central interface layer.
- BD Player Model (31):** Includes the **Playback Control Engine (32)**, which contains **Players Status Register** and **Playback Control Functions**, and the **Presentation Engine (30)**.
- Virtual File System (30):** Interfaces with the **BD File System** and **Local Storage**.

DVD Player Section:

- DVD File System:** Interfaces with the **Decoder** and **Plane** components.
- Decoder (12):** Receives data from the **DVD File System** and outputs to the **Plane** components.
- Plane (4, 6, 7, 10, 20):** A series of processing stages.
- DVD-Video (100):** The final output, represented by a DVD disc icon.

System Controller (36): A central component that manages the **System Parameter (SPRM)** and coordinates the **BD Player** and **DVD Player** sections.

FIG.30A

CONVERSION TABLE
FOR JAPAN

ADULTS	18 YRS OLD
R	16 YRS OLD
GENERAL	0 YR OLD

FIG.30B

CONVERSION TABLE FOR US

X	20 YRS OLD
NC-17	17 YRS OLD
R	17 YRS OLD
PG-13	14 YRS OLD
PG	10 YRS OLD
G	0 YRS OLD

FIG.31A

CONVERSION TABLE
FOR JAPAN

ADULTS	18 YRS OLD
R	16 YRS OLD
GENERAL	0 YR OLD

FIG.31B

CONVERSION TABLE FOR US

X	20 YRS OLD
NC-17	17 YRS OLD
R	17 YRS OLD
PG-13	14 YRS OLD
PG	10 YRS OLD
G	0 YRS OLD

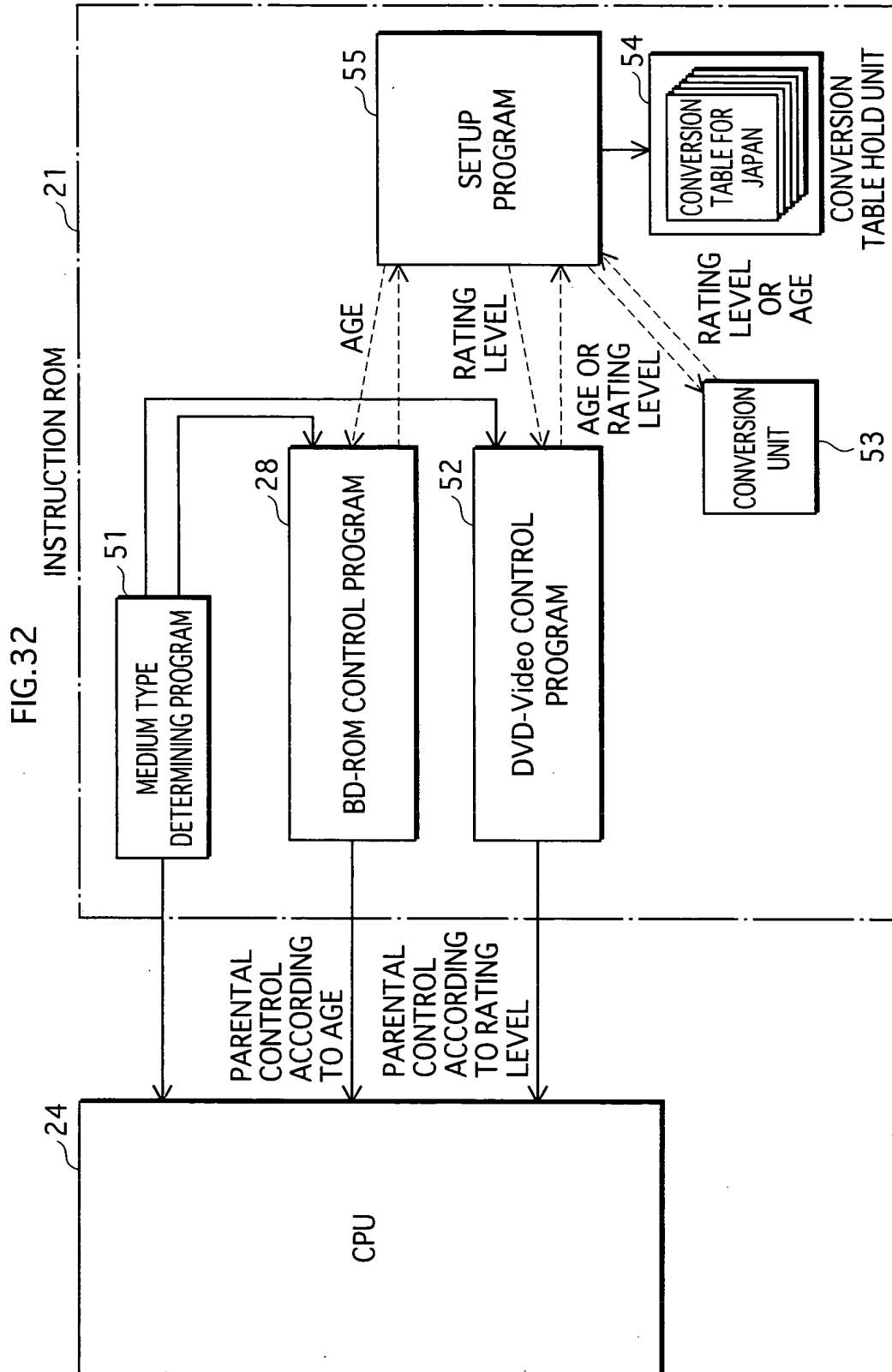


FIG.33

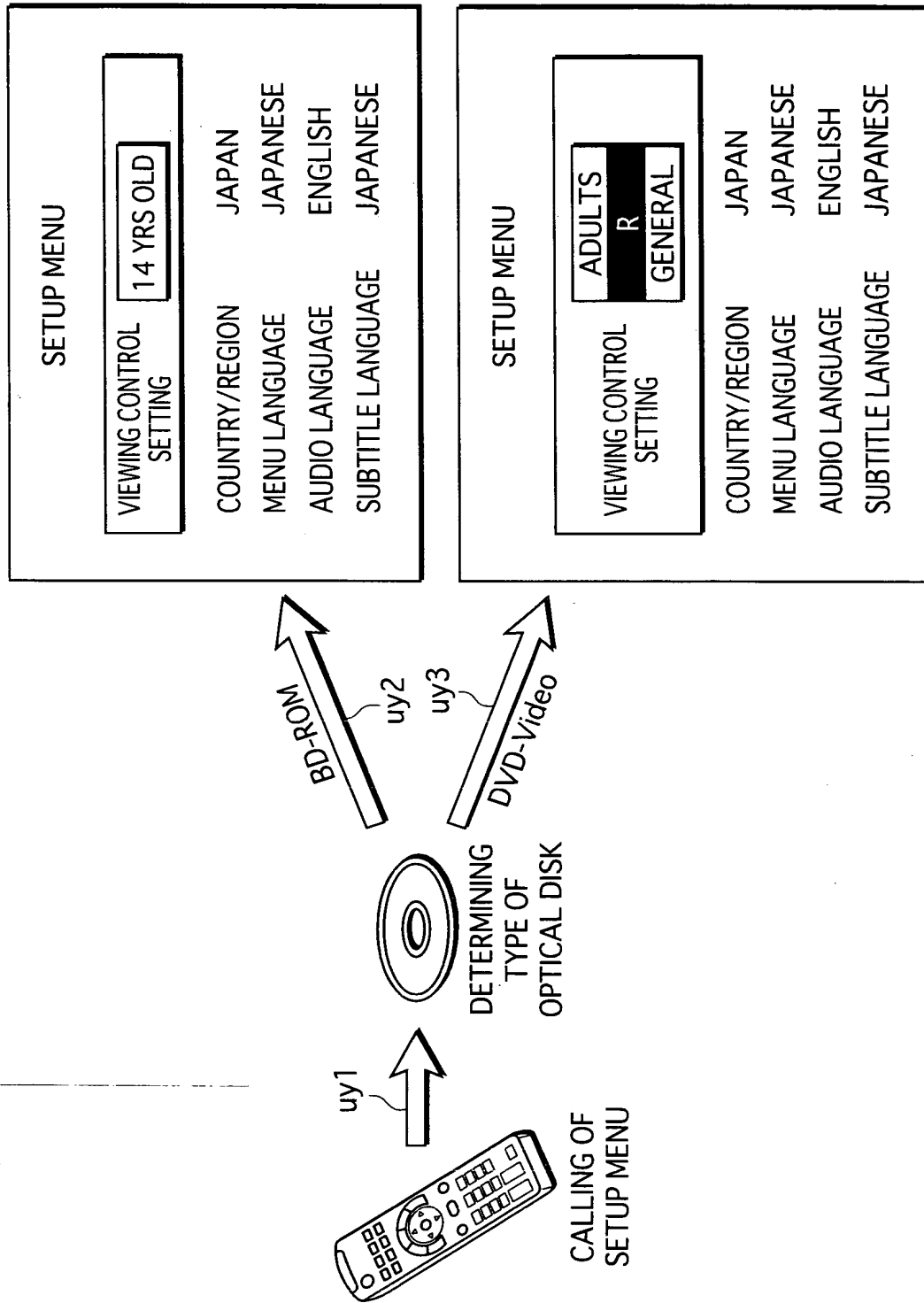


FIG.34

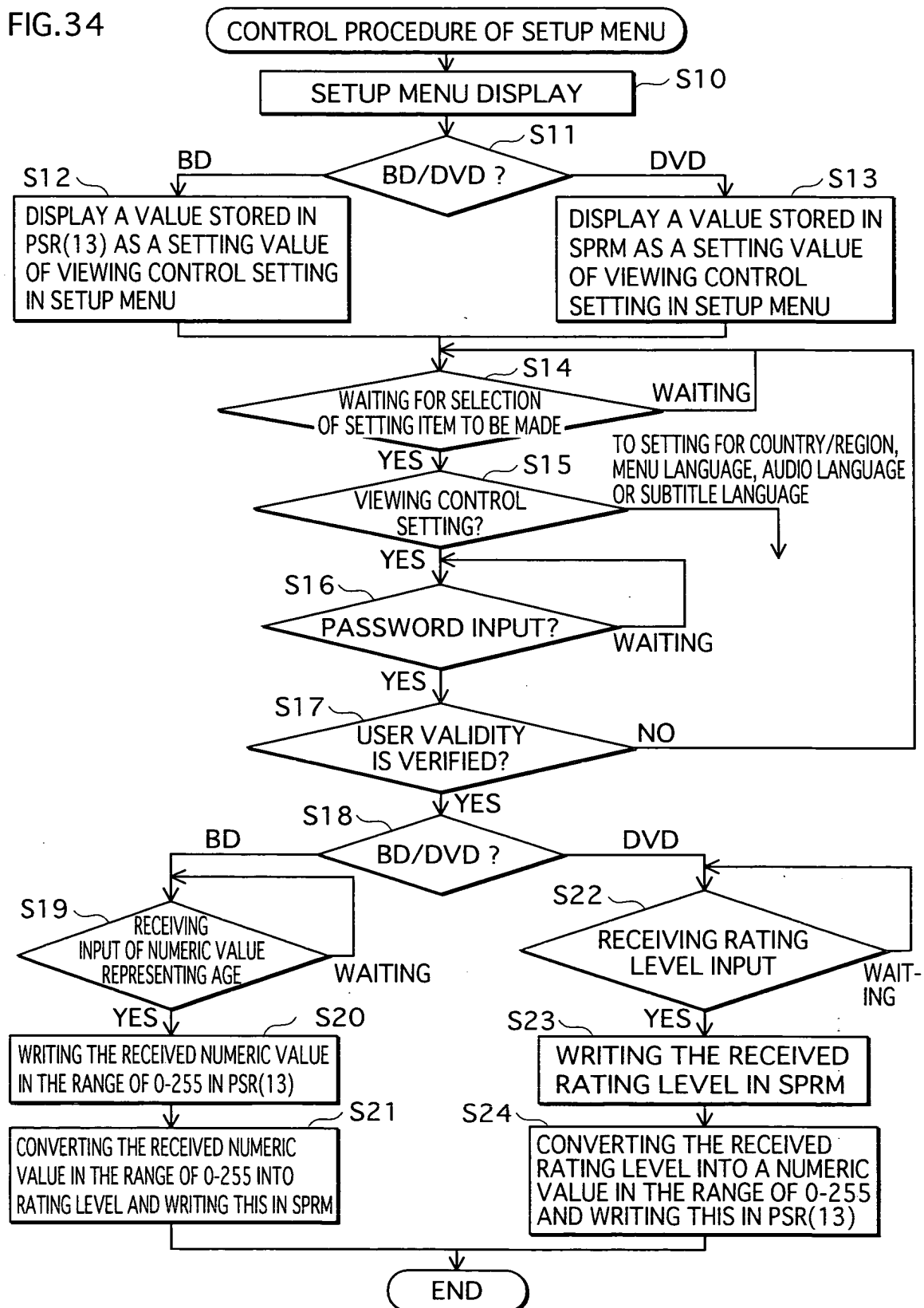


FIG.35

VIEWING CONTROL
SETTING

R

DATE OF BIRTH : 1991 YEAR 3 MONTH 1 DAY

COUNTRY/REGION

JAPAN

MENU LANGUAGE

JAPANESE

AUDIO LANGUAGE

ENGLISH

SUBTITLE LANGUAGE

JAPANESE

PSR(21)=

1991
3
1

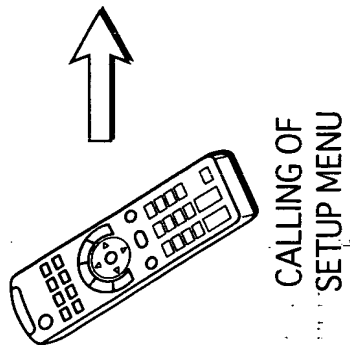


FIG.36

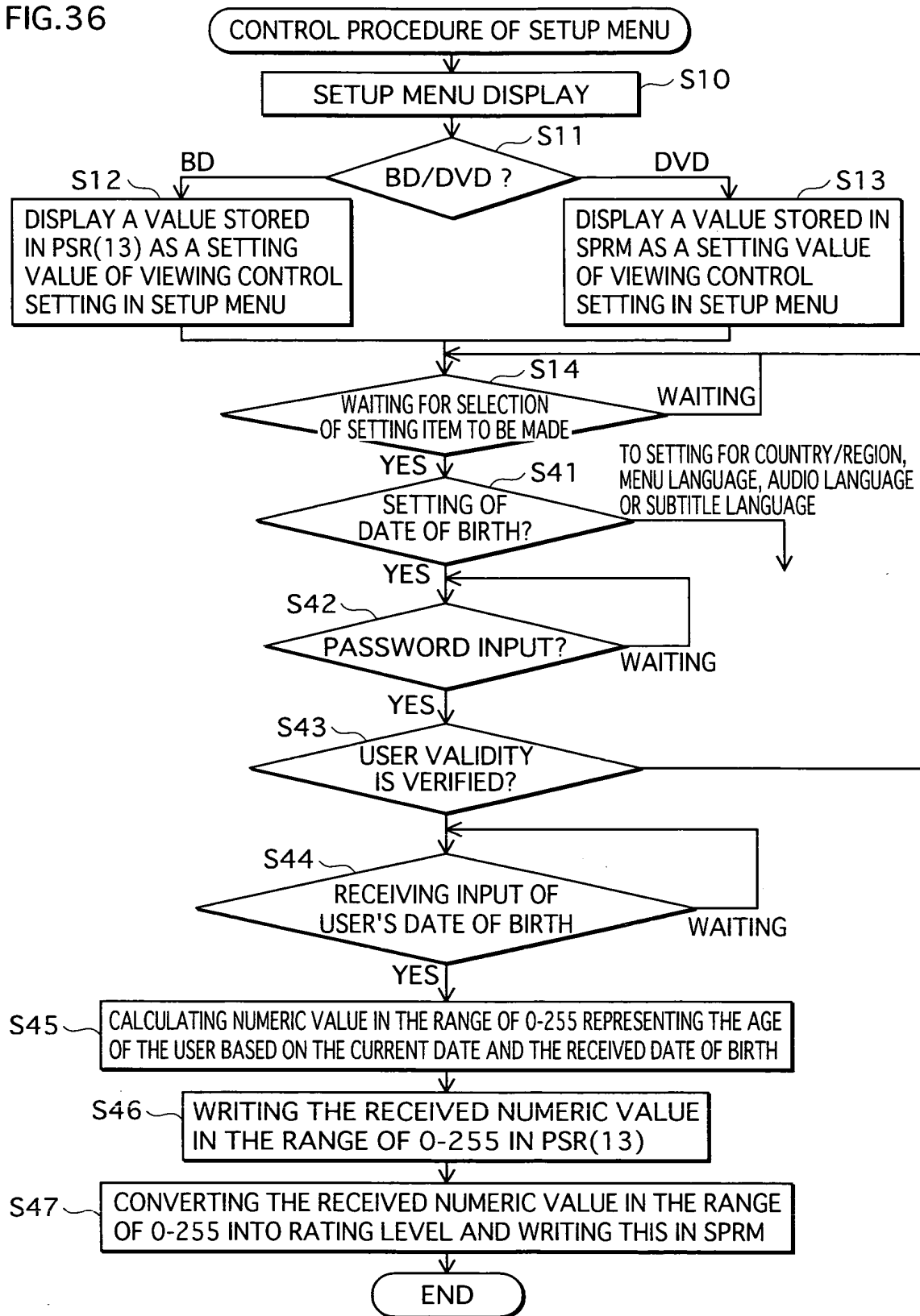


FIG.37

